

BNS Multiple Position Inductive Switches Technical Supplement

BALLUFF

BNS 816-X851-B06-00-12-610-11

Scope

This document describes relevant technical and mechanical differences for specially configured Inductive Multiple Position Switches.

Only specifications that differ from those published in product literature will be listed here.

For complete product specifications and drawings, refer to the appropriate product user's guide and/or catalog

Standard Product

BNS 816-B06-00-12-610-11

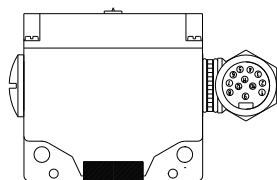
Technical Information

For complete technical information and product information, refer to the catalog for the standard product.

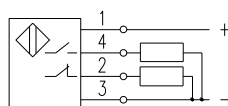
Differences

Switch is pre-wired to a 12 pin circular connector. See wiring diagram below for pin out.

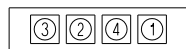
Additional Information



Male Face View



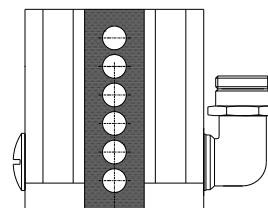
- N/C N/O +



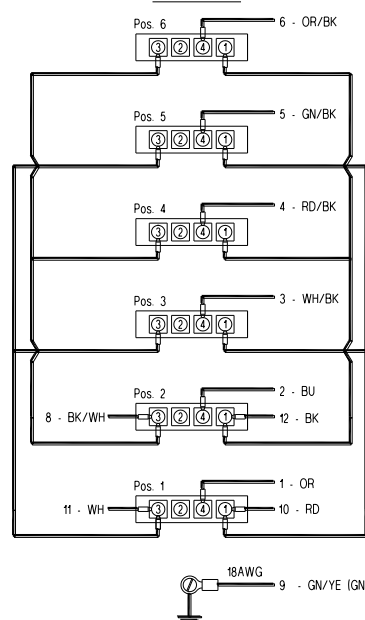
Electrical Data

Voltage range U_a	10...55 V DC
Sensing distance S_n	4.0 mm
Load current capacity I_a	5...200 mA
Function display	Yes

BES 517-100-S42	1, 4 Switchposition
BES 517-100-S43	2, 5 Switchposition
BES 517-100-S44	3, 6 Switchposition



WIRING DIAGRAM



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Doc. No. 858583/Mat. No. 159330 EN G16; Subject to change. Replaces 0701

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